

The Delta Science Program, Ecosystem Restoration Program, and Surface Water Ambient Monitoring Program Jointly Present a Brown Bag Seminar Series.

Adaptive Management in Action: The South San Francisco Bay Salt Pond Restoration Project

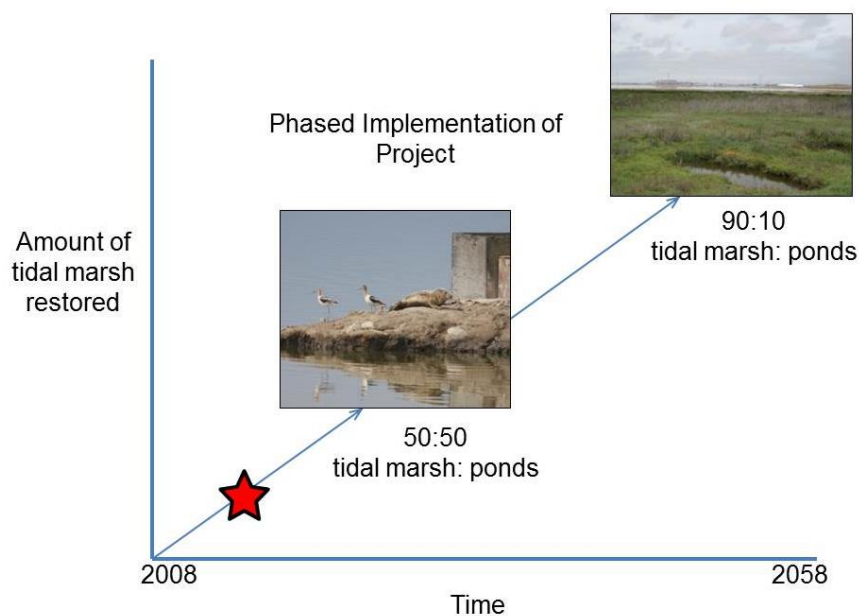
Dr. Laura Valoppi
U.S. Geological Survey

Monday, January 11, 2016, 12:00 – 1:00 p.m.

Location: Park Tower Building

2nd Floor Conference Room

980 Ninth St., Sacramento, CA 95814



The South Bay Salt Pond Restoration Project (www.southbayrestoration.org), one of the largest wetlands restoration programs in the West, is unique for its size (over 15,000 acres) and its proximity to an urban area of over 3 million people. Its intent is to restore and enhance wetlands in the South San Francisco Bay while providing for flood management as well as wildlife-oriented public access and recreation. The lessons learned will provide working examples for an adaptive management framework in other large habitat restoration projects

such as those currently planned and in-progress in the Delta and Suisun Marsh.

The South Bay Project identified long-term habitat alternatives, each representing a continuum toward different end-states: one with 50% of existing salt ponds converted to managed ponds for waterbirds and 50% restored to salt marsh habitat; the other with 10% managed ponds and 90% marsh habitat. The final ratio of these habitats will depend on the outcome of the Adaptive Management Plan, which will be implemented over the next 50 years. The Plan will allow for scientific information, gained from earlier phases and applied studies, to be incorporated as management objectives and designs of future actions are revised and implemented.

This presentation will summarize the results of some key studies and how they have influenced the management actions and restoration designs.